

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/AT2004/000341

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 3-17 as originally filed/furnished
- pages* 1, 2, 2a received by this Authority on /filed with the demand
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-33 received by this Authority on /filed with the demand
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/6-6/6 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	Claims <u>1-33</u>	YES
		Claims _____	NO
	Inventive step (IS)	Claims <u>1-33</u>	YES
		Claims _____	NO
	Industrial applicability (IA)	Claims <u>1-33</u>	YES
		Claims _____	NO
2.	Citations and explanations (Rule 70.7)		
	<p>Reference is made to the following documents:</p> <p>D1 WO 03/066935 A</p> <p>D2 WO 00/66811 A</p> <p>Document D1 (fig. 1) discloses a device and a method for converting energy, said device comprising a gas generator for producing Brown's gas, and a rotationally symmetrical reaction chamber in which are disposed electrodes, which at least in sections form the inner delimitation surfaces of the reaction chamber and between which an electrical field is applied that is directed perpendicularly to the axis of the reaction chamber. The gas generator does not, however, have a rotor in the reaction chamber and nor is the water made to rotate about the axis of the reaction chamber. The subject matter of claims 1 and 22 is thus novel (PCT Article 33(2)).</p> <p>The available prior art neither discloses nor suggests a rotating flow in a Brown's gas generator. The rotation of the water favours the</p>		

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	<p>formation of Brown's gas and increases efficiency.</p> <p>The subject matter of claims 1 and 22 thus involves an inventive step (PCT Article 33(3)).</p> <p>Dependent claims 2-21 and 23-33 concern preferred embodiments of the inventions as per claim 1 and claim 22. The subject matter of those claims is therefore also novel (PCT Article 33(2)) and inventive (PCT Article 33(3)). The claimed invention is clearly industrially applicable.</p>